

## WEST Search History

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DATE: Thursday, May 20, 2004

### Hide? Set Name Query

### Hit Count

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<input type="checkbox"/> L23	l21 and L22	1
<input type="checkbox"/> L22	l14 and l15 and l16	1
<input type="checkbox"/> L21	l12 or L20	2606
<input type="checkbox"/> L20	l17 or l18 or L19	1081
<input type="checkbox"/> L19	719/330.ccls.	281
<input type="checkbox"/> L18	719/329.ccls.	149
<input type="checkbox"/> L17	719/328.ccls.	689
<input type="checkbox"/> L16	notification adj interface\$1	246
<input type="checkbox"/> L15	connection adj point adj interface\$1	49
<input type="checkbox"/> L14	L13	846

*DB=USPT; PLUR=YES; OP=OR*

<input type="checkbox"/> L13	source same sink same object\$1	846
<input type="checkbox"/> L12	L1 or L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9 or L10 or L11	1731
<input type="checkbox"/> L11	(719/320).ccls.	75
<input type="checkbox"/> L10	(719/319).ccls.	53
<input type="checkbox"/> L9	(719/318).ccls.	213
<input type="checkbox"/> L8	(719/317).ccls.	105
<input type="checkbox"/> L7	(719/316).ccls.	237
<input type="checkbox"/> L6	(719/315).ccls.	513
<input type="checkbox"/> L5	(719/314).ccls.	82
<input type="checkbox"/> L4	(719/313).ccls.	233
<input type="checkbox"/> L3	(719/312).ccls.	88
<input type="checkbox"/> L2	(719/311).ccls.	53
<input type="checkbox"/> L1	(719/310).ccls.	347

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END OF SEARCH HISTORY

First Hit    Fwd RefsEnd of Result Set
 **Generate Collection** | **Print**

L23: Entry 1 of 1

File: USPT

Jan 16, 1996

US-PAT-NO: 5485617

DOCUMENT-IDENTIFIER: US 5485617 A

TITLE: Method and system for dynamically generating object connections

DATE-ISSUED: January 16, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stutz; David S.	Redmond	WA		
Zimmerman; Christopher A.	Bellevue	WA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 166976 [PALM]

DATE FILED: December 13, 1993

INT-CL: [06] G06 F 9/44

US-CL-ISSUED: 395/700; 364/DIG.1, 364/284.3, 364/285

US-CL-CURRENT: 719/315

FIELD-OF-SEARCH: 395/650, 395/700

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

  

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <a href="#">5303379</a>	April 1994	Khoyi et al.	395/700
<input type="checkbox"/> <a href="#">5305461</a>	April 1994	Feigenbaum et al.	395/775
<input type="checkbox"/> <a href="#">5315703</a>	May 1994	Matheny et al.	395/164
<input type="checkbox"/> <a href="#">5327562</a>	July 1994	Adcock	395/700
<input type="checkbox"/> <a href="#">5367633</a>	November 1994	Matheny et al.	395/164
<input type="checkbox"/> <a href="#">5371891</a>	December 1994	Gray et al.	395/700
<input type="checkbox"/> <a href="#">5410705</a>	April 1995	Jones et al.	395/700

## OTHER PUBLICATIONS

"Ole 2.0 Part II: Implementing a Simple Windows Object Using Either C or C ++", by

[http://westbris:9000/bin/gate.exe?f=doc&state=vfln0.24.1&ESNAME=FRO&p\\_Message=&p\\_Message=&...](http://westbris:9000/bin/gate.exe?f=doc&state=vfln0.24.1&ESNAME=FRO&p_Message=&p_Message=&...) 5/20/04

Brockschmidt, Kraig, Microsoft Systems Journal Sep. 1993 p.

ART-UNIT: 236

PRIMARY-EXAMINER: Kriess, Kevin A.

ASSISTANT-EXAMINER: Courtenay, III; St. John

ATTY-AGENT-FIRM: Seed and Berry

ABSTRACT:

A method and system for dynamically generating object connections is provided. In a preferred embodiment, a connection can be generated between a source object and a sink object using a connection point object. A source object has connection point objects where each connection point object corresponds to a particular interface. A sink object implements one or more notification interfaces for connecting to a source object. A connection point object of a source object can connect to multiple notification interfaces, which belong to one or more sink objects. A connection point object keeps track of pointers to the notification interfaces to which it has been connected. In order to generate a connection, a sink object requests from a source object a connection point object corresponding to a particular interface. The source object determines whether it supports such a connection point object, and if so returns a pointer to the connection point interface of the determined connection point object. The sink object then requests to be connected to the connection point object using the returned connection point interface pointer and passes a reference to a notification interface of the sink object corresponding to the particular interface. The connection point object then stores the reference to the notification interface of the sink object, creating a connection between the sink object and the source object. At some later time, the source object can utilize the connection to notify the sink object through the connected notification interfaces.

45 Claims, 10 Drawing figures

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